

# Converting Colors

Hex(331075)

Have a look what the booklet for  
Hex(331075) contains.

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# Color

**Hex(331075)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	331075
RGB	51, 16, 117
RGB Percent	20%, 6%, 46%
CMY	0.8000, 0.9373, 0.5412
CMYK	0.56, 0.86, 0.00, 0.54
HSL	261°, 76%, 26%
HSV	261°, 86%, 46%
XYZ	4.7614, 2.3587, 17.0339
YIQ	37.9790, -11.5610, 38.8310

# Conversions

## Conversions Part 2

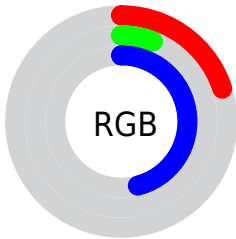
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 16, 117
Decimal	3346549
CIELab	17.27, 40.92, -50.41
CIELCh	17, 64.930, 309.072
Yxy	2.3587, 0.1971, 0.0977
Android (android.graphics.Color)	4281536629 (0xFF331075)
YUV	37.9790, 38.9574, 11.4194
Hunter-Lab	15.3582, 28.4625, -55.0084

# Details

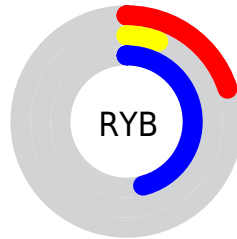
The Hex color **331075** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **527510**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **6A40AA**, and **000044** is the 20% darker color. If you saturate the color by 10%, you get **2B0475**, and if you desaturate by 10%, it is **3B1C75**.

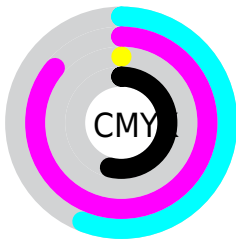
# Distribution



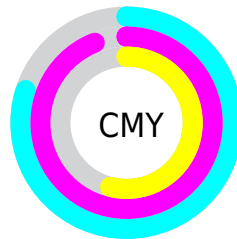
- Red (20%)
- Green (6%)
- Blue (46%)



- Red (20%)
- Yellow (6%)
- Blue (46%)



- Cyan (56%)
- Magenta (86%)
- Yellow (0%)
- Black (54%)



- Cyan (80%)
- Magenta (94%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 331075 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 331075 by changing the saturation by 10% instead.



■ 331075

■ 331075

■ FFFCFF

■ 13005C

■ 6A40AA

■ 000044

■ 8559C6

■ 00032C

■ A172E2

■ 000116

■ BD8CFF

■ 000000

■ DAA7FF

■ F8C3FF

■ FFDFFF

■ 331075

■ 331075

■ 2B0475

■ 3B1C75

■ 290075

■ 422775

■ 4A3375

■ 523F75

■ 594A75

■ 615675

■ 696275

■ 706E75

■ 787975

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



002E8A



331075



68004D

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



331075



4F1A00



003B38

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



331075



527510

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



003901



331075



292E00

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



331075



6A0000



003600



003B66

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



331075



73002E



003600



003A28



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



331075



7F7199



105375



3D354D



CCCCCC



4D4D4D



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



331075



350099



641075



37353B



2A007A



5700FA



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



751052



990064



217510



3B3539



7A0050

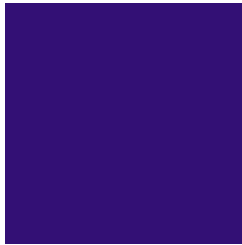


FA00A3



# Previews

## White Background



This preview shows how the Hex color 331075 looks on a white background.

## Color Contrast Check

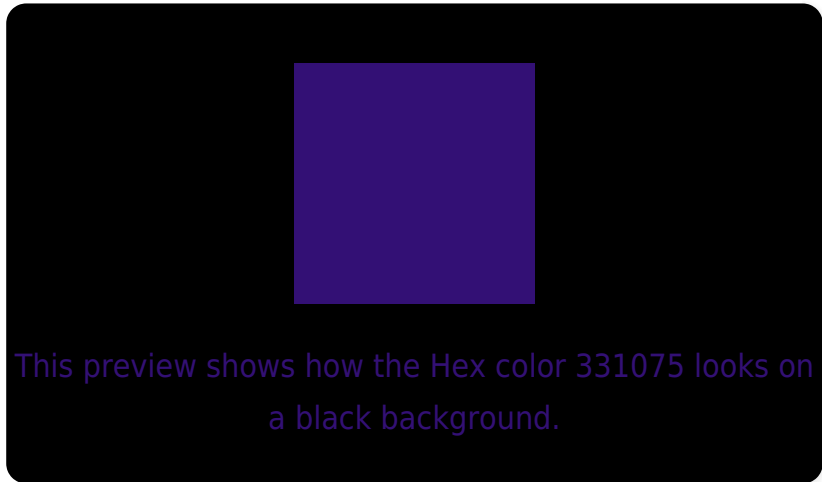
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

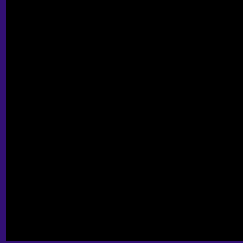
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 331075 Background



This preview shows how black text looks on a background with the Hex color 331075.



This preview shows how white text looks on a background with the Hex color 331075.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
331075

**Protanopia**  
002B59

**Deuteranopia**  
002D4C



**Tritanopia**  
1A2F33

# Trichromacy



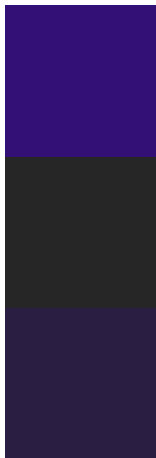
**Original Color**  
331075

**Protanomaly**  
132163

**Deuteranomaly**  
13225B

**Tritanomaly**  
23244B

# Monochromacy



**Original Color**  
331075

**Achromatopsia**  
262626

**Achromatomaly**  
2B1E43

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 331075 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #331075 looks like.

```
.text, #text, p{  
    color:#331075  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #331075 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #331075
}
```

## Border

The CSS property to change the border of an element to Hex 331075 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#331075 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#331075 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #331075 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #331075; -webkit-box-shadow:4px 4px  
4px 4px #331075; box-shadow:4px 4px 4px  
4px #331075 }
```

# Background

The CSS property to change the background color of an element to Hex 331075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#331075 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#331075 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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